

In the Claims:

1 1. (Original) A composite material comprising a plurality of
2 assembled discs (10) made of a matrix material, wherein
3 preferably each disc (10) is provided with at least one
4 groove (13) in which at least one fiber (14) is inserted,
5 characterized in that a composite of matrix material and
6 fiber (14) is present in an inner section (16), whereas
7 matrix material is exclusively present in an outer section
8 (17), and in that the fibers (14) reach to different
9 extents into the outer section (17), in which the matrix
10 material is exclusively present, for a strength optimizing
11 intermeshing of the inner section (16) with the outer
12 section (17).

1 2. (Original) The composite material of claim 1, characterized
2 in that the fibers (14) neighboring an inwardly positioned
3 opening (11) terminate with an equal spacing from said
4 opening (11), whereas next to the outer section (17), in
5 which the matrix material is exclusively present, this
6 spacing is formed to vary.

Claims 3 to 5 (Canceled).

1 6. (Original) A method for producing a composite material of
2 a plurality of assembled discs (10) made of a matrix
3 material, wherein preferably each disc (10) is provided
4 with at least one groove (13) in which at least one fiber
5 (14) is inserted, comprising the following steps:

6 a) providing several discs (10) made of matrix material,

7 b) forming at least one groove (13) preferably in each
8 disc (10) and then inserting at least one fiber (14)
9 in the or each groove (13) of the respective disc
10 (10),

11 c) consolidating the respective disc (10) such that the
12 fiber or each fiber (14) is surrounded on all sides by
13 or embedded in the matrix material of the respective
14 disc (10),

15 d) stacking consolidated discs (10), and

16 e) connecting the stacked discs (10) in a joining step.

1 7. (Original) The method of claim 6, characterized in that in
2 connection with step b) the fiber or each fiber (14) is
3 inserted into the groove or each groove (13) of the
4 respective disc (10) so that in an inner section (16) a
5 composite of matrix material and fiber (14) is present,
6 whereas matrix material is exclusively present in an outer
7 section (17).

Claims 8 to 14 (Canceled).

[REMARKS FOLLOW ON NEXT PAGE]